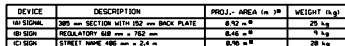
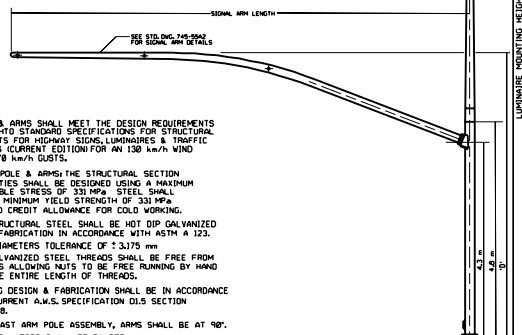


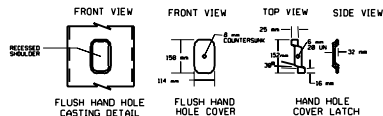
(SEE NOTE)



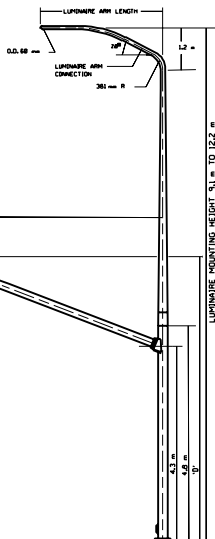
ARM LENGTH	D	J	K	L	M
7.6 in to 13.7 in	6.2 in	32 mm - 7 MC + 75 mm	395 mm	38 mm	32 mm
15.2 in to 19.8 in	6.4 in	28 mm - 6 MC + 100 mm	495 mm	58 mm	58 mm



FOR FOUNDATION REQUIREMENTS
SEE STANDARD DRAWING 745-55C



ATTACH LATCH & COVER TOGETHER WITH
6 mm x 50 mm UN FLAT HEAD BOLT.
END OF BOLT TO BE PEENED.



NOTE:

1. POLES & ARMS SHALL MEET THE DESIGN REQUIREMENTS OF ASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL HIGH STRESS AND SECTION LUMENATES & TRAFFIC SIGNALS (CURRENT EDITION) FOR AN 130 km/h WIND WITH 178 kN GUSTS.
2. STEEL POLE & ARMS/ THE STRUCTURAL SECTION PROPERTIES SHALL BE DESIGNED USING A MAXIMUM ALLOWED STRESS OF 150 MPAS. STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 331 MPa WITH NO COLD REDUCTION FOR COLD WORKING.
3. ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED TO A MINIMUM VARIATION OF 100 GMS/ SQ. METER & 123.
4. TUBE DIAMETERS TOLERANCE OF ± 3.175 mm.
5. ALL GALVANIZED STEEL THREADS SHALL BE FREE FROM DEFECTS ALLOWING NUTS TO BE FREE RUNNING BY HAND FOR THE ENTIRE LENGTH OF THREADS.
6. WELDING DESIGN & FABRICATION SHALL BE IN ACCORDANCE WITH CURRENT A.W.S. SPECIFICATION D5 SECTION 1 THRU.
7. DUAL MAST ARM POLE ASSEMBLY, ARMS SHALL BE 90°.
8. BAL INSULATORS SHALL BE BANDED.
9. POLES & ARMS SHALL BE CIRCULAR CROSS SECTIONS.

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

SALT LAKE CITY, UTAH

ENCLOSURE FOR APPROVAL

IN STANDARDS COMMITTEE

APR. 22

STANDARD DRAWING TITLE

**TRAFFIC SIGNALS
1ST ARM POLE AND
MINIARE EXTENSION**

STD. DWG. NO.
745-55A1